



5.56MM AMMUNITION

General Dynamics Ordnance and Tactical Systems - Canada has manufactured hundreds of millions of small caliber cartridges over its century of existence. The 5.56mm caliber has been manufactured since the early 1960's.

Today, GD-OTS Canada produces five types of 5.56mm cartridges summarized in the table below:

Cartridge Natures:	Projectile Weight (g)	Muzzle Velocity (m/s)	Cartridge Length (mm)
5.56mm C77 Ball 	4.0	941	57
5.56mm C78 Tracer 	4.0	925	57
5.56mm IP ToxFree®	3.9	941	57
5.56mm C79A1 Short Blank	n/a	n/a	48
5.56mm Long Blank	n/a	n/a	57



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NATO Cartridges



General Dynamics Ordnance and Tactical Systems - Canada produces two NATO qualified rounds, the C77 ball and C78 tracer cartridges. The C77 ball projectile uses a two part lead and steel core penetrator nested inside a guiding jacket. The C78 trace projectile clad steel jacket is filled with a lead core and a tracer mix that produces a 600m long trace (minimum).

The 5.56mm IP Cartridge

The patented 5.56 IP (Improved Performance) is a high performance, environmentally friendly cartridge whose projectile jacket contains a single piece steel core. The ballistic trajectory of the IP projectile meets that of the 5.56mm NATO reference lot. The projectiles are capable of 20% more penetration than conventional 5.56mm NATO ball projectiles. It uses a ToxFree® primer. For more information on the 5.56mm IP please visit www.gd-otscanada.com

Blank Ammunition

General Dynamics Ordnance and Tactical Systems - Canada offers two types of blank cartridges: a short and a long version. The short version is similar in length to the US M200 blank cartridge whereas the long blank is of similar length to a conventional ball cartridge. The tips of both cartridge types are closed with a four fold, twisted mouth crimp. The long blank can be used in any weapon but was designed for the FNC and FAMAS rifles. The short blank is regularly used in rifles and machine guns. Both blanks require an appropriate Blank Firing Attachment (BFA) on the firing weapon.

Packaging

Cartridges can be packed to customer requirements. Current packaging configurations include the use of 10 round plastic clip units in carton pack, or M27 links packed in metal containers.



Other 5.56 Cartridges

Through their Simunition® and Always on Target® product lines, General Dynamics Ordnance and Tactical Systems - Canada manufactures a wide variety of other 5.56mm training cartridges. For a detailed description of these innovative products please go to www.simunition.com

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